

The Messenger.

HINTS AND FACTS AS TO TECHNICAL EDUCATION.

We saw lately in some newspaper an editorial on the great progress made in Germany in manufacturing, and that it was highly descriptive and much of an indorsement to say "made in Germany." We had not learned that manufactures in Germany were superior to those in England. We had not believed, for instance, that the cutlery of Germany surpassed or equalled that of Sheffield. We confess to absolute incredulity yet. But we do not question the improvement and excellence of German manufactured goods. The cause of the superiority is attributed to the technical education imparted to German workmen. It is not really necessary to be sent to a technical school to become an expert machinist. In the past very superior workmen could be found in the many technical callings who acquire their skill in the workshops. But this is not saying that many excellent workmen are not taught in technical schools and that they are not of great importance and advantage. A machine shop is the best place to become an expert machinist wherever the shop may be.

Recently we observed that an English newspaper of rank, felt that there was more danger from Germany's rivalry in industrial development than in the increase of its army or navy. It marks the very great advancement in the last quarter of a century in that great empire in industrial equipment and efficiency. It says that Germany's technical schools are turning out a magnificent industrial army, and in this sphere of knowledge the countries that compete with it must quickly improve their skill, if they are not to see the decline of their prosperity.

We call attention to this expressed apprehension of rivalry to point a necessity for the south. There is great need surely in our great section for the best possible technical schools. While in some states the negroes are being trained for efficiency and skill as mechanics there is neglect on the part of the whites. There are already some few excellent white schools of this kind, but many more are greatly needed. The Miller school in Virginia is of the highest grade. But it is the outcome of the foresight and large generosity of one live man.

Prussia now but a part of the German empire, but very important, expends \$600,000 yearly upon its technical schools. This is not a great sum, perhaps, but a most useful outlay, and it will bring back in multiplied dollars the wise outlay. From The Richmond Dispatch that has been examining German reports, we gather that Prussia, in addition to its outlay as given above, has established six special schools for the construction of machines, a school for the brone industry, one for steel and iron mongery, another for navigation, and schools for the study of pottery, porcelain, and painting on glass. These, however, form only a part of the system of technical instruction, there being 248 other schools in which such instruction is imparted to more than 11,000 pupils. The larger number of these schools are the outcome of the joint efforts of associations mainly composed of large industrial concerns. Of the schools thus maintained, with some aid from the state, 32 are for painters and decorators, 9 for shoemakers, 16 for tailors, 20 for bakers, 6 for butchers, 26 for smiths, and so on. In Berlin the provision for technical instruction costs the municipality \$70,000 a year. In Saxony, which is at the head of all the German states in technical instruction, there are 111 schools in which such instruction is given. Of the schools in Saxony, 10 are schools of agriculture and 40 are schools of commerce. Bavaria, besides its higher schools of architecture, commerce and art, has 45 technical schools, with 2,682 pupils.

While the south is striving to develop on the lines of manufactures and agriculture it should be careful to work also continually upon the plan of general industrial developments and particularly with reference to the technical schools in all branches of industry. This in the end will pay the states as well as the individuals taught. In the Grand-duchy of Baden, Germany, there are 1,600,000 inhabitants. The sum expended on technical education is \$289,000 annually. North Carolina would be wise with its larger population—some 1,800,000 perhaps—would be wise to expend at least \$100,000 on technical schools, and much more in the years just ahead. We learn that in the Grand-duchy of Hesse, which has about 1,000,000 inhabitants, there are schools of architecture and sculpture, nine schools of artisans, forty-three for various industries, and eighty-two of design.

The truly progressive, liberal, educated men of the state should consider these things. It is very wise, very necessary to educate the heart—not by Buncombe talk and noisy vociferation, but by careful instruction in righteousness and true Bible foundation—it is also very important to train and discipline the mind. But these do not make the complete man greatly important as they are. The eye and hand must be trained also to become expert in some calling—with the pen, the needle, the darning instrument, the brush or whatever else is to be used. The rounded man with completed education, is the man who is trained and instructed in heart, in head and in hand.

THE COTTON CROP AND MILLS.

The size of the coming cotton crop is being guessed at daily. It was billed for 10,000,000 bales by the guessers. Now it is put at a lower figure. Mr. Hester, of the New Orleans cotton exchange, has recently published instructive figures as to cotton in the south. The crop of 1896 is given at 8,757,957 bales. Its money value was \$321,924,834. In six years the biggest crop was that of 1894, given at 9,901,251—only a little short of the coveted 10,000,000. Its money value was \$338,826,712. He is silent as to the crop of this year, which is discreet. Up north they guess at it every day or so. It is about certain that it will not reach 10,000,000, and may not be as much as 9,000,000. And yet Texas alone is bragging now of its 3,000,000 bales for the year. If it keeps up to 7 or 7½ cents in case a very large crop should be produced, it will make the more money for the farmer. But would not a 10,000,000 bale crop make the price fall?

Mr. Hester gives the tables of consumption of cotton in the two sections. The Messenger recently noted his statement on the same tables. In 1896 the north consumed 1,804,680 bales and the south 904,701, or nearly half as much. Only eight years ago the north used 1,799,258 bales, and the south 546,894, or more than three to one for the north. The south is forging rapidly ahead in cotton milling. The ratio in favor of this section as compared with the north grows. In 1890 it was 18 to 5, and now last year but 19 to 10. Mr. Hester gives this year's consumption, but we do not see how he arrives at his figures. He gives the north 1,804,680 bales and the south 1,042,671. He gives the south 414 mills, 91,137 spindles, 3,419 spindles. North Carolina has 161 mills, 21,496 spindles, 904,117 spindles. South Carolina leads largely in looms with 33,146, and in spindles with 1,003,324. Georgia is third in mills and spindles, but next to North Carolina in mills, having 72 to South Carolina's 70. All the other states are much behind the two Carolinas. There are several mills to be constructed or in course of construction now in this state. May their number increase! Bring the mills to the cotton fields. Wilmington should have as many cotton mills as Charlotte. Why not?

Ayer's Hair Vigor tones up the weak hair-roots, stimulates the vessels and tissues which supply the hair with nutrition, strengthens the hair itself, and adds the oil which keeps the shafts soft, lustrous and silky. The most popular and valuable toilet preparation in the world.

JACKSONVILLE MUCH BENEFITED BY SANITATION.

It was with excellent reason that the Jacksonville (Fla.) Times-Union very recently wrote most satisfactorily of the improved health record of its city. It is indeed a striking exhibit, and is an object lesson for other towns and cities. It has grown very much in the last five or six years—45 per cent. In 1895 its population was 25,130. In 1894, it had 606 deaths and in 1896, 655. But its ratio has steadily fallen as its population increased. In 1894, the ratio of deaths to the 1,000 inhabitants was 26.3, and last year 23.9. Its showing for 1897, promises well for a still lower rate of mortality. Now how has the death rate fallen there—what cause or causes did it? The Times-Union says: "The immense decrease in the number of deaths is not without a cause. The cause is the improved sanitary condition of the city. During the last two years the water mains and the sewers have been extended over double their former area. Thousands have been supplied with city water, and other thousands now live on lots drained by sewers who two years ago were without sewers or artesian water."

The white death rate, exclusive of non-residents, is not more than 15 per cent. It was more before the improved sanitation—the water and the sewers. It says, and it is worth thinking over that "among the benefits that the issue of bonds conferred on the city we must count the saving of between 250 and 300 lives per annum. Who can measure such a benefit in money?" Good, pure, unpolluted, unpoisoned drinking water is an absolute essential. Nothing will kill so soon as bad water. It is far worse than impure air. It kills quicker. An excellent confederate veteran, a man of sincere piety, told us recently, that after the fighting at Malvern Hill he was so overcome and famished for water he drank out of an old spring with a barrel attachment. It came very near killing him—made him extremely sick for weeks. He has to this day never recovered from that one trial of poisoned water. A family in New Jersey a few years ago moved to a home with a well. It had not been cleaned out perhaps in years. They drank of the water and nearly every member died from it.

SNAPS.

The yellow fever scare looks less scary now. But constant vigilance is the watch-word.

Rapes are rampant and victims nu-

Hood's Pills
Should be in every family medicine chest and every traveler's grip. They are invaluable when the stomach is out of order; cure headache, biliousness, and all liver troubles. Mild and efficient. 25 cents.

merous. Two more cases reported and one hanging by lynching.

There is grim death on the trail of the unwise rushers to the Klondyke trap. Take warning in time. Beware of the many and great perils of Klondyke.

Memphis, Tenn., has the distinguished honor of being the first southern city to be favored by a black lawyer of the female kind. Is she the "new woman" so long expected?

President Andrews insists upon resigning. That is right after the attempt to throttle him. We hope he will wipe the dust from his feet and turn his back upon Brown university and its gang.

John Bull through Prime Minister Salisbury bows to the will of the tsar and yields the point contended for as to control of Greek revenues, by a commission, composed of six Great Powers. Poor Greece is almost wiped out. In this way Turkey is to get indemnity.

The great abuses and cruelties practiced upon the convicts in Georgia are a most fruitful theme in the Georgia press. Are there any well-founded complaints of the kind in North Carolina, past or present? If so were they right?

In Boston when carriages or vehicles approach to cross the street, the electric cars stop at once. When a person is to cross the track a policeman accompanies and the cars check up. That is safety. In New York many deaths and injuries have occurred at crossings.

It is amusing to see northerners talking of the "southern accent." An educated, travelled southern man can enter a car and easily pick out every northern man by his "twang" or "brogue." Fact. Provincialisms abound in all countries. We heard a scholarly Cambridge (England) graduate say that the educated southerner spoke English with less peculiarity of accent than any northern men he had met and he had lived ten years in the north.

What is in a name? From London comes the intelligence that the duke and duchess of Rio Grande pass the night in a cell and are brought up before a magistrate for board bills. Impudencious and titled. The duke is from South America and the duchess is a niece of ex-United States Senator Conger. She is handsome and thirty and she had been weeping bitterly. He was a dapper man with waxed moustache and empty pocket.

If the hair is falling out, or turning gray, requiring a stimulant with nourishing and coloring food, Hall's Vegetable Sicilian Hair Renewer is just the specific.

SHARPS AND FLATS.

The wheat supply for the world is even less than it was thought to be a month ago. The crop outlook is not encouraging and the deficiency in bread supply is great. A crisis will not be a surprise according to the highest English authority, the Mark Lane Express. It closes an article with these words:

"All the figures point, therefore, to a deficiency in the world's supply of 14,000,000 quarters. Should the demand be actually as large as this, the stores of old wheat will be used up, and a crisis of great seriousness will only be prevented by generally good prospects for the spring of 1898. We are, however, entitled to argue that such prospects will be more than the average."

We judge that in Indiana there is no little intolerance and much race prejudice. Reports from a place called Elwood reveals a rather unhappy state of things. It is to the effect that the whites have resolved that "the brother in black" shall have no abiding place among them. In consequence of this determination all the negroes there have been ordered to pull up and away, and at once. For many years, it is said, this dislike of the negro has been dominant. Recently fifty new negroes arrived and this stirred up the whites with the result given. Sambo must pack and go. This is in a northern state mind you, and not in the sunny south where the negroes are so woefully oppressed according to northern lying newspapers. The Atlanta Journal well moralises. It says:

"If in any southern town such a state of affairs should develop we can imagine what a howl would go up from the press and the professional philanthropists of New England! 'Elwood is neither a southern nor an Indiana people of southern blood or extraction. It is probable that many of them went to Indiana from New England, and land where love for the negro is a ruling passion—so long as the negro is somewhere else.'"

Negroes are numerous in every city and town in the south. Nobody attempts to expel them. It does not appear that the negroes in Elwood have been guilty of crime or disorder."

There are a great many huge beams in the northern eye. Pull 'em out.

HOME FOLKS.

Mr. D. W. McLean announces in The Gibson Vidette that he has assumed entire editorial charge of that new candidate for support. Mr. C. D. Koonce retires. Our best wishes for both and good patronage for the Vidette.

Our little capital city is to be congratulated upon the vote for improved streets, and by such a majority. Raleigh needs the improvement proposed as do most towns in North Carolina.

The first thing a town should look after is good drinking water; next, a thorough sewage; third, good streets; fourth, a number one hotel; then lights for streets; and next, good schools and school houses.

"There war for a season which did fail. Now trebly thundering shook the gale. And Butler was the cry:

With dying hand above his cap. He shook his finger with a snap.

And shouted I am a 'goner.'"

Sentimental and tragical! Butler's dying effort to save himself from complete political wreckage is one of the interesting events in this off-year of decayed party leaders and decapitated demagogues. His attempt to damage the fine character of Major Wilson will only recoil upon his own exposed reputation. The flung boomerang will hit his own pate.

There is nothing to prevent anyone concocting a mixture and calling it "sarsaparilla," and there it nothing to prevent anyone spending good money testing the stuff; but prudent people, who wish to be sure of their remedy, take only Ayer's Sarsaparilla, and so get cured.

Why Children Should Not Know If They Are Clever.

The Church Standard waxes indignant and severe over the common practice of repeating in a child's presence his alleged smart sayings, and warns admiring relatives who indulge in this, to them, agreeable occupation of the serious consequences that are likely to follow.

As a matter of fact, then, when these "smart sayings" are looked at dispassionately most of them are found to be nothing but stupid blunders, just such blunders as a child with its as yet undeveloped powers would be expected to make. Of course there are a few prodigies in the world, but they are not always unmixed blessings. There is but one Mr. Gladstone, and to put it mildly—he has made some very serious mistakes.

But let us suppose that a child has said something very clever, what must be the result of repeating that saying to somebody else while the child is by? It can only minister to vanity and self-conceit, and of all utterly disgusting and unendurable creatures on God's earth a conceited child is the most disgusting and most unendurable. Not only does this vicious habit make children unpleasant, but it sows in their hearts seeds which will grow and bear in after years the bitter fruits of disappointment.

Parents and aunts and uncles who indulge in this habit are—thoughtlessly perhaps, but none the less really—corrupting their children's morals with pride, vanity, and brazenness, and also are cruelly wronging them by leading them to live in a fool's paradise, the dispelling of which will give them keen pain and mortification.

Bucklen's Arnica Salve

The best Salve in the world for Cuts, Bruises, Sores, Ulcers, Salt Rheum, Fever Sores, Tetter, Chapped Hands, Itchings, Corns, and all Skin Eruptions, and positively cures Piles, or no pay required. It is guaranteed to give perfect satisfaction or money refunded. Price 25 cents per bottle. For sale by R. R. Bellamy.

The Pork-Fed Philosopher

(Eldorado (Kan.) Republican.) No man who lives on meat was ever known to lick his wife or ask for a divorce. Adam got into a row, right off, because he had no hog meat, butter or black bass. Napoleon lost Waterloo because the allied forces had bacon for breakfast the morning of the fight. The French had vegetable soup. The south had to give in at Appomattox because it was out of meat. No war can be successfully waged without hog meat.

Americans are the most frisky people on earth because they eat the most hog meat.

Ingalls would have gone back to the senate had he not lived on oatmeal, baked apples and blind robins.

A vegetable diet woman is as cold and clammy and unlovable as a turnip. If you wish to put roses in the cheeks of your girls, vitality in their every motion and brains in their heads, feed them meat.

If you want your boy to get a job and hold it, go to the front and amount to something, give him bacon grease, ham fat or tallow three times a day.

Full of crank ideas, who are always getting up some new fad about hay soup or corn fodder tea.

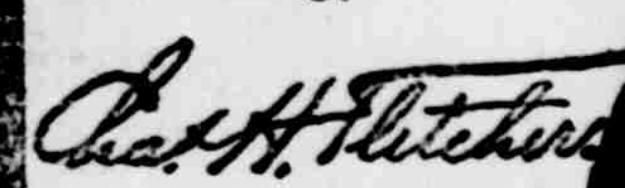


Before Retiring....

take Ayer's Pills, and you will sleep better and wake in better condition for the day's work. Ayer's Cathartic Pills have no equal as a pleasant and effectual remedy for constipation, biliousness, sick headache, and all liver troubles. They are sugar-coated, and so perfectly prepared, that they cure without the annoyances experienced in the use of so many of the pills on the market. Ask your druggist for Ayer's Cathartic Pills. When other pills won't help you, Ayer's is

THE PILL THAT WILL

SEE THAT THE FAC-SIMILE SIGNATURE OF—



IS ON THE WRAPPER OF EVERY BOTTLE OF CASTOR

Castor is put up in one-size bottles. It is not sold in bulk. Don't allow any one to say anything else on the price or quality. It is "just as good" and "will answer your purpose." See that you get C-A-S-T-O-R.

900 DROPS

CASTORIA

Vegetable Preparation for Assimilating the Food and Regulating the Stomach and Bowels of INFANTS, CHILDREN

Promotes Digestion, Cheerfulness and Rest. Contains neither Opium, Morphine nor Mineral. **NO NARCOTIC.**

Dr. J. C. Ayer & Co., Lowell, Mass.

Prepared by Dr. J. C. Ayer & Co., Lowell, Mass.

A perfect Remedy for Constipation, Sour Stomach, Diarrhoea, Worms, Convulsions, Feverishness and LOSS OF SLEEP.

Fac-Simile Signature of *Dr. J. C. Ayer*
NEW YORK.

EXACT COPY OF WRAPPER.

JONAH'S GOURD VINE GREW UP IN A

It has taken years for Wilmington's Big Racket Store to become firmly rooted in the hearts of the people. But it is there, and there to stay. We have always so conducted our large dry goods business that the people who knew us had confidence in our goods and prices. We sell the best values and always at bottom prices.

We sell in the dry goods department, on the first floor, on your left as you enter the front door, silks of all prices—nice black Silks, Gros Grains, Taffeta, Black Satin, Colored Satin, China Silks, Drapery Silks and Silklines. Black and Colored Satin from 25c to \$1.25 per yard.

In Dress Goods we have a very large assortment. We bought from Mr. McIntire all of his stock of Dress Goods, so that we can afford to sell much under the price, as I bought his stock for the spot cash at a discount, and I can afford to sell them for less than his first cost. We have all prices in Black Goods from 10c, 12½c, 18c, 20c, 25c; 44 inches wide at 35c, 45c and 50c; 50 inches wide at \$1.25, \$1.50, \$1.75. We have the Gold Medal Brand, every piece warranted by the company not to change its color. We sell all grades of Organdies, Lawns, Shallices, Dimities, that we are trying to sell regardless of cost. We do not feel able to pack up the goods and carry them over to next season. A good Lawn at 4c; it is the best cloth for the money you ever saw. Shallices at 3c. White Cross-Bar Lawn at 3½c.

On the same side lower down, in our store, you can find Wash Goods—White Goods, Duck, Piques, Cretons. We can please the most fastidious as to quality and price.

We have **TABLE LINEN** in large quantity. We sell it, 60 inches wide, bleached, at 25c; Turkey Red, 60 inches wide, warranted fast colors, at 25c; remnants from 1 to 2 yards in Turkey Red Table Linen at 16c a yard; better, bleached, and unbleached Table Linen, 60 to 72 inches wide, from 35c to \$1.25. Doilies from 25c to \$2.00 a dozen.

LACE CURTAINS—We carry a large variety. We sell them from 50c to \$2.00 a pair.

On the same floor we carry Corsets—everything in the Corset line, from 21c, 35c, 50c, 65c, 75c, \$1.00 and \$1.25 a pair, and if you need a pair of Corsets at any price, see ours. We sell Warner's, H. & P., and R. & G. Globe, Kabo, and several other brands.

We carry Shoes on one side of our store, which is 112 feet long, from the ciling to the floor, about 6,000 pair, and sell them cheaper than regular dealers, and can cut the price, as we have other things to help to pay ex-

penses. Baby Shoes from 19c a pair. Misses' Shoes from 35c a pair. Ladies' Shoes from 50c a pair. Men's Shoes from 90c a pair. We can do you right in price and quality. Our Shoes are all goods. We sell good goods of all kinds. In Watches we can sell you a Nickel-Finish Watch at \$1.35 a nice Watch and keeps good time.

Tetlow's Face Powders from 25c, and with each package we nice painted picture, 5½ by 8 free. All styles of Cologne and articles.

We have a big line of Umbrellas from 40c to \$2.50 each. Walking from 10c to 50c each.

Look at our large windows and the prices we have and the goods display.

We will ride up on our electric elevator and look over our second floor, which is 50 by 112 feet, and you can find the largest and best selected stock of **MILLINERY** RIBBONS, the best assortment in the state, from 1c to \$1.00 per yard. Also Feathers, Flowers, Tips, Plumes, Aligrettes, Ladies' and Children's Hats, Baby Caps and Bibs, Tam O'Shanter Caps, both felt and wool, lawn and duck. Hats, trimmed, from 50c to \$1.00 and up to \$1.50, \$2.00, \$2.25, \$3.00 and \$5.00. If you need any Millinery, we have it, and can please you if you can give ours a look.

On the same floor we carry a stock of Gents' and Boys' CLOTHING. We have just received a big portion of our nice new Fall Suits we bought before the Tariff Bill went into effect, and can sell them as close as we ever did. We have Suits, all wool, nice goods, good fall and winter weight, at \$3.50 a suit; all wool at \$5.00 a suit; fine fall Plaid and stylish colors for young men, up to date in every respect, at \$6.50, \$7.00, \$7.50, \$8.00 and up to \$12.50 a suit. We know we can meet competition as to style and quality, and over-match and under-sell as to quantity and price. We sell all styles of Boys' Clothing, Men's and Boys' Hats and Caps, Men's, Ladies' and Children's Underwear, all grades and styles.

We may ride on the elevator to the third floor, which is 50 by 112 feet, and on that floor you can find our Wholesale **DRY GOODS** Department—Bleaching, Domestic Goods of all kinds, Trunks in large numbers, from 50c to \$5.50 each; Window Shades from 12½c to 50c, Carpets, Mattings, Rugs, Blankets, Quilts, Oil Cloths, Chairs, Tables, and almost anything in the house furnishing line.

We want your trade. We are no Jonah gourd vine. We do business in an up to date style, and ask you to give us a call at 112 North Front street, opposite The Graton hotel.

GEO. O. GAYLORD, Propr.,

OF WILMINGTON'S BIG RACKET STORE

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OFFER FOR SALE

Best Quality, Full Weight

FLOUR, BACON, SUGAR, LARD,

Molasses, Meal, Salt, Lime, Cement

Plaster, Hay, Corn, Hoop Iron, Oats, Rivets, Glue, Bagging and Ties at lowest prices.

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